Ontario Ministry of Northern Development and Mines

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

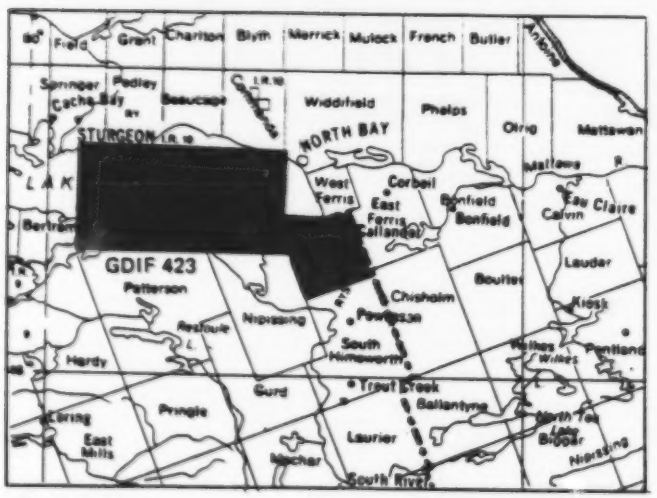
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 423

LAKE NIPISSING ISLANDS AND NORTH HIMSWORTH TOWNSHIP

DISTRICTS OF NIPISSING AND PARRY SOUND

Compiled by the Staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP

Scale: 1:1 013 760 or 1 inch=16 miles

88-05043/

NTS Number 31 L/3, 4, 5, 6

Mining Claim Map Number No Claim Maps except
North Himsworth Township M.180

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1988: Lake Nipissing Islands and North Himsworth Township, Districts of Nipissing and Parry Sound; Ontario Geological Survey, Geological Data Inventory Folio 423, compiled by the staff of the Resident Geologist's Office, Sudbury. 37p.,4 maps.

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Date	Page Revised	Revised by

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ACCOMPANYING MAPS

Property Location Map 2 maps
Exploration Data Map 2 maps
Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	**20.116 8**	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	R.A.
2	Assessment Files Research Office, Toronto	N.A.	R.A.
3	ODM General Index; 9 Volumes	Yes	R.A.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	R.A.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	R.A.
6	ODM Industrial Mineral Reports	No	R.A.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	R.A.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	R.A.
9	Newspaper Clippings File	Yes	R.A.
10	GSC Index to Publications	Yes	R.A.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	R.A.
12	OGS Index Maps	Yes	R.A.
13	Source Mineral Deposit Records (O.G.S.), Mineral Deposits Inventory	Yes	R.A.
14	Author - Subject Articles File	Yes	R.A.
15	Miscellaneous Papers: ODM & OGS	Yes	R.A.
16	ODM Geological Circulars: OGS Study Series, Reports	Yes	R.A.
17	ODM Preliminary Reports: ODM Bulletins	No	R.A.
18	ODM – OGS Open File Reports	Yes	R.A.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	R.A.
20	OGS Aggregate Resources Inventory Papers	Yes	R.A.
21	OGS Mineral Potential Maps	Yes	R.A.
22	Theses on File Sudbury,	Yes	R.A.
23	Aerial Photographs on File, Sudbury	No	R.A.

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite	△ fu. . . . . .Fuchsite	▲ Ni. . . . . Nickel	△ st . . . . . .Stone
△ ank. . . . . .Ankerite	△ gn. . . . . Galena	▲ Nb . . . . . .Niobium	△ talc. . . . . .Talc
△ anna . . . . . Annabergite	△ gt. . . . . Garnet	△ Pd . . . . . .Palladium	△ Te . . . . . Tellurium
△ ap. . . . . .Apatite	△ goe . . . . . .Goethite	△ peat . . . . . .Peat	△ td. . . . . Tetrahedrite
△ arg . . . . . Argentite	△ Au . . . . . Gold	△ pent . . . . . Pentlandite	△ th. . . . . .Thorite
△ As . . . . . .Arsenic	△ gf. . . . . .Graphite	△ Pt. . . . . .Platinum	△ Th . . . . . .Thorium
△ asp . . . . . .Arsenopyrite	△ gl . . . . . Gravel	△ py . . . . . .Pyrite	△ thuc . . . . . Thucholite
△ asb . . . . . .Asbestos	△ gyp. . . . . .Gypsum	▲ pcl . . . . . Pyrochlore	△ ti . . . . . Titanite
△ ba. . . . . .Barite	▲ hem . . . . . Hematite	△ pyrl . . . . . .Pyrolusite	△ Ti. . . . . Titanium
△ be. . . . . .Beryl	△ il . . . . . .Ilmenite	△ po . . . . . .Pyrrhotite	△ tour . . . . . .Tourmaline
△ Bi. . . . . .Bismuth	△ Fe . . . . . .Iron	△ q . . . . . .Quartz	△ trap . . . . . .Trap rock
△ bn . . . . . .Bornite	△ IF. . . . . Iron Formation	△ qcv . . . . .Quartz carbonate vein	△ W. . . . . Tungsten
△ bran . . . . . .Brannerite	△ jas . . . . . Jasper	△ ra. . . . . .Radioactive minerals	△ uran . . . . . Uraninite
△ bruc . . . . . .Brucite	△ kaol . . . . . .Kaolinite (kaolin)	△ RE . . . . . .Rare Earths	▲ U . . . . . .Uranium
△ Cd . . . . . Cadmium	△ ky . . . . . Kyanite	△ sd. . . . . Sand	△ verm . . . . . .Vermiculite
△ calc. . . . . Calcite	△ Pb . . . . . Lead	△ sgl . . . . . Sand and gravel	△ Y . . . . . Yttrium
△ carb . . . . . .Carbonate	△ lim . . . . . Limonite	△ ss . . . . . .Sandstone	△ Zn . . . . . .Zinc
△ cel . . . . . .Celestite	△ Li. . . . . Lithium	△ scap . . . . . Scapolite	△ zr. . . . . Zircon
△ cc. . . . . .Chalcocite	△ mgst . . . . . .Magnesite	△ shee . . . . . .Scheelite	▲ Sn. . . . . .Tin
△ cp. . . . . .Chalcopyrite	▲ mag . . . . . .Magnetite	△ serp . . . . . Serpentine	▲ Ta. . . . . .Tantalum
△ ch. . . . . .Chert	△ mc . . . . . Malachite	△ sh. . . . . .Shale	
△ clay . . . . . .Clay	△ Mn . . . . . Manganese	△ sid . . . . . Siderite	
△ Co . . . . . Cobalt	△ mb . . . . . .Marble	△ si . . . . . .Silica	
△ cob. . . . . Cobaltite	△ mar. . . . . Marcasite	△ Ag . . . . . .Silver	
△ cb. . . . . .Columbite	△ ma . . . . . .Marl	△ sl . . . . . Slate	
△ Cu . . . . . .Copper	△ mi . . . . . Mica	△ sm . . . . . .Smaltite	
△ cor . . . . . Corundum	△ ml . . . . . .Millerite	△ sod. . . . . Sodalite	
△ dol . . . . . Dolomite	△ mo . . . . . Molybdenite	△ spec . . . . . Specularite	
△ ep. . . . . Epidote	△ Mo . . . . . .Molybdenum	△ sp. . . . . .Sphalerite	
△ ery . . . . . Erythrite	△ mon . . . . . Monazite	△ spd . . . . . .Spodumene	
△ fel . . . . . .Feldspar	△ ne. . . . . Nephelite (nepheline)	△ staur . . . . . .Staurolite	
△ fl . . . . . .Fluorite (flurospar)	△ nc. . . . . .Niccolite	△ stib. . . . . Stibnite	

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Manitou Islands (Calder Island)	pcl,U,Nb,Ta	SMDR 1090	MRC 14, p. 38	
B	Manitou Islands (Great Manitou Island)	pcl,U,Nb,Ta	SMDR 1090	MRC 14, p. 38	
C	Manitou Islands (Newman Island) (Newman prospect)	pcl,U,Nb,Ta	SMDR 1090	MRC 14, pp. 37, 38	AR 64, pt. 2, p. 119
D	Callander Bay	Nb	--	--	GR 94, pp. 83-85
E	Iron Island	hem, mag	SMDR 1097	MRC 11, p. 270	
F	Iron Island Niobium	Nb,U,Ni,Sn		MRC 14, p. 50 MRC 11, p. 270	GR 94, p. 81
G	Burritt Island	Nb		MRC 14, p. 50	GR 94, p. 81, O.G.S. Map 2361
H	Iron Island	hem	SMDR 1097	MDC 17, p. 94	

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
	COMPANY/AUTHOR (file number)																			
1	Beaucage Mines Ltd. Nord Interex (Nipissing 0010)	53			53 54 55 71	54	55	52 53 54 55 71	53			53 71								
1	Beaucage Mines Ltd. (Lake Nipissing 0018-B1)							53[1]				53								
1	Beaucage Mines Ltd. (Lake Nipissing 0019-B1)	53			53															
1	Beaucage Mines Ltd. (Lake Nipissing 0019-A1)											54								
1	Beaucage Mines Ltd. (Lake Nipissing 0017-B1)				54	54		54[1]												
1	Beaucage Mines Ltd. (Lake Nipissing 0015-B1)							53[1] 55[1]												
1	Beaucage Mines Ltd. (Lake Nipissing 0014)							58[2]												
1	Beaucage Mines Ltd. (Lake Nipissing 0021)	56																		

GDIF FORM NO. 2

TYPE OF WORK

Numbers below represent the year in which the work was done; e.g., 68 for 1968.

EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Beaucage Mines Ltd. (Lake Nipissing 0020)					56		56[1]												
1	Beaucage Mines Ltd. (Lake Nipissing 0011-B1)							56[3]												
1	Nord Resources Corp. (Lake Nipissing 0016-C1)				71[4]															
1	Nord Resources Corp. (Lake Nipissing 0013)					71														
1	Beaucage Mines Ltd. (Lake Nipissing 0015-C1)	54			54	54														
1	Beaucage Mines Ltd. (Lake Nipissing 0016-A1)							56[1]												
1	Graham, R. B. & Associates (I. R. No. 10 0010)	71																		
1	Beaucage Mines Ltd. (Lake Nipissing 0012)				53 54 55				56[5]			56[5]								

GDP FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Nord Interex (Lake Nipissing 0016-B1)	56[5]										56[5]								
2	Graham, R. B. & Associates (I. R. No. 10 0010)	71																		
2	Beaucage Mines Ltd. (Lake Nipissing 0017-A1)	56																		
3	Graham, R. B. & Associates (I. R. No. 10 0010)	71																		
3	Beaucage Mines Ltd. (Lake Nipissing 0017-A1)	56																		
4	Nipiron Mines Ltd. (Lake Nipissing 0022)				52-53	54?			48			54[6]	54[6]							
5	Beaucage Mines Ltd. (Lake Nipissing 0017-A1)	56																		
5	Beaucage Mines Ltd. (Lake Nipissing 0012)				56															
5	Beaucage Mines Ltd. (Lake Nipissing 0015-A1)	56																		

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
6	Min-Ore Mines Ltd. (Himsworth 0011)				66 67							66 67	66							
7	Beaucage Mines Ltd. (Lake Nipissing 0011-A1)	56																		
8	Beaucage Mines Ltd. (Lake Nipissing 0018-A1)							56[7]												
9	Beaucage Mines Ltd. (Himsworth 0010)				56 58 59 60															

1 Progress Report
2 Niobium (Columbium) Recovery Process Report
3 Geological Abbreviations List
4 Copy of Contract Only
5 Map Only

GDIF FORM NO. 2

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | |

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Beaucage Mines Ltd.	1	1953	?	90	2	178	py	U, Nb, Ta
1		2	1953	S	45	2.8	152	py	U, Nb, Ta
1		3	1953	?	90?	20	263	py	U
1		4	1953	S	45	26.8	178	py	U, Nb, Ta
1		5	1953	N	45	20	255	py, S	U, Nb, Ta
1		6	1953	S	45	32	178	py	U, Nb, Ta
1		7	1953	N	45	30	352	py, mag	U, Mo
1		8	1953	N	66-20	12	341	py, mag, cp	U, Nb
1		9	1953	N	45	62	426	py, mag	U
1		10	1953	N	45	47.5	314	py, mag	U, Nb, Ta
1		11	1953	N	45	53	103.5	ap	U
1		13	1953	N	45	81.5	665	py, mag, fl	U
1		14	1953	N	45	48	626	py, cp, hem, po	U, Nb, Ta
1		15	1953	N	48	82	563	--	U, Nb, Ta
1		16	1953	N	47	79	410	py, pcl	U, Nb, Ta
1		17	1953	N	54	98	550	hem	U, Nb, Ta
1		18	1953	N	67	70.5	644	hem, fl, pcl	U, Nb, Ta
1		19	1953	N	65	122	526	mag	U, Nb, Ta
1		20	1953	N	67	93	768	mag, fl, hem	U, Nb, Ta
1		30	1954	N	60	67	1328	mag, fl, ap, py	U, Nb, Ta
1		31	1954	N	60	113	816	mag, pcl, fl, acmite	U, Nb, Ta
1		32	1954	N	60	92	531	py, mag	U, Nb, Ta
1		33	1954	N	52	107	746	--	U, Nb, Ta
1		34	1954	N	50	89	996	po, py, acmite, ap, mag	U, Nb, Ta
1		35	1954	035	50	54	563	mag, py	U, Nb, Ta
1	Nord Interex	43	1971	N	60	74	852	py, fl, mag, sid, po, ap	U, Nb
1		44	1971	N	65	57	1050	mag, py, po, fl sp, pcl	U, Nb
1		45	1971	N35E	60	38	851	acmite, py, mag	U, Nb
1		46	1971	S	60	109	608	py, ap, mag	Nb
1		47	1971	E	50	96	700	hem, pcl, py	U, Nb

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Nord Interex (cont'd)	48	1971	E	50	65	238	py	Nb
1		49	1971	N	65	41	953	fl, hem, mag, py, pcl	U, Nb
2	Beaucage Mines Ltd.	21	1953	N5W	40	7	465	py	U, Nb, Ta
2		22	1953	N5W	55	5	508	hem, py, po, pcl	U, Nb, Ta
2		23	1953	N6E	30	5	594	py, po, cp	U, Nb, Ta
2		24	1953	N6E	75	4	610	py, pcl, fl	U, Nb, Ta
2		25	1953	N	40	8	795	hem, fl, py	U, Nb, Ta
2		26	1953	042	35	7	326	fl, S, py	U, Nb, Ta
2		27	1953	N42E	32	6	383	py	U, Nb, Ta
2		28	1953	N	60	3	640	py, ap, po	U, Nb, Ta
2		29	1953	N47.5E	70	5	1042	py, fl	U, Nb, Ta
2		37	1954	N	45	63	655	ap, mag, py, hem	U, Nb, Ta
2		38	1954	N	60	110	631	mag, acmite	U, Nb, Ta
2		39	1954	--	90	2	1002	py, ap	U, Nb, Ta
2		40	?	--	90	9.5	501	py, ap	U, Nb, Ta
2		41	1956?	035	55	74	679	acmite, ap	U, Nb, Ta
2		42	1956 ?	035	55	87	497	mag, ap	U, Nb, Ta
2		45	?	?	?	0	37	--	U
3		NX-1	1954	--	90	64	803	py, hem, po	U, Nb, Ta
3		NX-2	1955	--	90	73	641	ap, hem	U, Nb, Ta
3		NX-3	1955	--	90	47	823	ap	U, Nb, Ta
3		NX-4	1955	--	90	70	350	--	U, Nb, Ta
3		NX-5	1955	--	90	45	312	ap	--
4		L-1	1953	N56.5E	31	7	1056	py, S, hem	Nb, Ta
4		L-2	1953	080	30	9	502	--	U, Nb, Ta
4		L-3	1953	080	30	37	301	mag	U
5		C-1	1953	N	45	35	171	--	--
5		C-2	1953	--	90	2.5	203	hem, py, mag	U, Nb, Ta
5		C-3	1953	--	90	0	405	mag	U, Nb, Ta
5		C-4	1953	S75-49W	45	0	503	py	U, Nb, Ta
5		C-5	1953	N75-49E	31	5	350	--	U
5		C-6	1953	S83-47W	30	0	428	--	U, Nb, Ta

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
5	Beaucage Mines Ltd. (cont'd)	C-7	1953	S83-47W	52	0	604	hem, py	U, Nb, Ta
5		C-8	1953	S89-31W	35	28	643	hatchettolite, py, allunite,cp	U, Nb, Ta
5		C-9	1953	W	33	18	457	pcl	U, Nb, Ta
5		C-10	1953	W	35	45.5	327	py	U, Nb, Ta
5		C-11	1953	W	64	3.5	341	--	U, Nb, Ta
5		C-12	1953	W	30	1	359	--	U, Nb, Ta
5		C-13	1953	S36W	30	3.5	430	--	U, Nb, Ta
5		C-14	1953	W	40	3.5	294	hem	U, Nb, Ta
5		C-15	1953	--	90	0	150	py	U, Nb, Ta
5		C-16	1953	S87-30W	45	0	72	py	U, Nb, Ta
5		C-17	1953	N87-30E	45	0	80	--	U, Nb, Ta
5		C-18	1953	N87-31E	34	18	520.5	py	U, Nb, Ta
5		C-19	1953	N83-47E	30	7	271	fl	--
6		U-1	1955	099	0	--	489	fl, po, pcl	U, Nb, Ta
6		U-2	1955	180	0	--	111	--	U, Nb, Ta
6		U-3	1955	N	0	--	194	--	U, Nb, Ta
6		U-4	1955	028	0	--	32	ap	U
6		U-5	1955	180	0	--	106	acmite	U, Nb, Ta
6		U-6	1955	180	0	--	168	--	U, Nb, Ta
6		U-7	1955	N	0	--	301	acmite	U, Nb, Ta
6		U-8	1955	180	30	--	237	--	U, Nb, Ta
6		U-9	1955	104	0	--	312	--	U, Nb, Ta
6		U-10	1955	180	0	--	220	ap	U
6		U-11	1955	N	0	--	226	--	U
6		U-12	1955	180	30	--	299	--	U, Nb, Ta
6		U-13	1955	180	0	--	174	acmite	U, Nb, Ta
6		U-14	1955	N	0	--	208	S	U, Nb, Ta
6		U-15	1955	180	0	--	300	--	U
6		U-16	1955	180	0	--	276	--	U, Nb, Ta
6		U-17	1955	N	0	--	284	--	U, Nb, Ta
6		U-18	1955	N	30	--	396	fl, acmite	U, Nb, Ta
6		U-19	1955	N	30	--	218	--	U, Nb, Ta

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
6	Beaucage Mines Ltd. (cont'd)	U-20	1955	180	30	--	187	acmite	U, Nb, Ta
6		U-21	1955	180	0	--	154	--	U, Nb, Ta
6		U-22	1955	N	0	--	199	--	U, Nb, Ta
6		U-23	1955	N	30	--	496	hem, ap	U, Nb, Ta
6		U-24	1955	N	0	--	249	acmite	U, Nb, Ta
6		U-25	1955	180	0	--	304	acmite, mag	U, Nb, Ta
6		U-26	1955	?	?	--	206	ap	U, Nb, Ta
6		U-27	1955	No log					
6		U-28	1955	105-16	0	--	339	po, acmite, ap	U, Nb, Ta
6		U-29	1955	180	0	--	245	acmite	U, Nb, Ta
6		U-30	1955	N	0	--	190	acmite	U, Nb, Ta
6		U-31	1955	180	30	--	151	--	U, Nb, Ta
6		U-32	1955	?	?	--	60	acmite	U, Nb, Ta
6		U-33	1955	?	?	--	90	acmite	U, Nb, Ta
6		U-34	1955	--	90	--	270	ap, py	U, Nb, Ta
6		U-35	1955	N	0	--	198	--	U, Nb, Ta
6		U-36	1955	085	0	--	210	ap	U, Nb, Ta
6		U-37	1955	N	0	--	192	acmite, fl	U, Nb, Ta
6		U-38	1955	180	0	--	134	acmite, ap	U, Nb, Ta
6		U-39	1955	N	67	--	319	acmite, ap	U
6		U-40	1955	180	49	--	590	ap, fl, acmite	U
6		U-41	1955	180	55	--	490	acmite, ap	U, Nb, Ta
6		U-42	1955	N	72	--	169	acmite, S, fl	U
6		U-43	1955	N	0	--	225	ap, acmite, fl	U
6		U-44	1955	180	0	--	127	ap, acmite	U, Nb, Ta
6		U-45	1955	025	48	--	178	acmite, fl	U, Nb, Ta
6		U-46	1955	N	45	--	295	acmite, ap, mag	U, Nb, Ta
6		U-47	1955	180	52	--	357	acmite, fl	U, Nb, Ta
6		U-48	1955	N	0	--	100	acmite	U, Nb, Ta
6		U-49	1955	180	0	--	114	acmite, ap	U, Nb, Ta
6		U-50	1955	180	0	--	154	acmite, ap	U, Nb, Ta
6		U-51	1955	N	50	--	383	acmite, ap, mag, S, py, po, fl	U, Nb, Ta

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
6	Beaucage Mines Ltd. (cont'd)	U-52	1955	N	0	--	90	acmite, fl	U, Nb, Ta
6		U-53	1955	180	0	--	55	--	U, Nb, Ta
6		U-54	1955	180	45	--	330	acmite, ap, fl	U, Nb, Ta
6		U-55	1955	110	0	--	155	--	U, Nb, Ta
6		U-56	1955	180	0	--	58	acmite, ap	U, Nb, Ta
6		U-57	1955	N	0	--	51	--	U, Nb, Ta
7		M-1	1953	?	33-40	34	405	fl	U, Nb, Ta
7		M-2	1953	S68-30	55	22	212	--	U, Nb, Ta
7		M-3	1953	S41E	30	1	531	--	U, Nb, Ta
7		M-4	1953	S44E	30	8	397	--	U, Nb, Ta
7		M-5	1953	--	90	?	326	--	U, Nb, Ta
7		M-6	1953	S42E	45	10	265	pcl, py	U
7		M-7	1953	S42E	30	10	299	py, pcl	U, Nb, Ta
7		M-8	1953	S42E	60	8	459	py, fl	U, Nb, Ta
7		M-9	1953	S42E	45	10	304	py, po	U
7		M-10	1953	S38E	29	8	460	fl, py	U
7		M-11	1953	S42E	30	8	441	--	U
7		M-12	1953	S42E	57	5	221	pcl	U, Nb, Ta
7		M-13	1953	S40E	40	7	347	py, po, mag, pcl	U, Nb, Ta
7		M-14	1953	S42E	40	8	368	py, mag, fl, hem	U, Nb, Ta
7		M-15	1953	S67E	30	10	302	py, pcl, ap	U, Nb, Ta
7		M-16	1953	130	30	8	380	fl, py, hem	U
7		M-17	1953	310	30	9	312	ap, py, pcl	Nb, Ta
7		M-18	1953	142	30	26	578	py, mag, hem	Nb, Ta
7		M-19	1953	320	40	39	352	--	--
7		M-20	1953	--	90	3	79	py, ap, pcl	Nb, Ta
7		M-21	1953	--	90	4	79	--	Nb, Ta
7		M-22	1953	--	90	6	25	--	--
7		M-23	1953	--	90	3	81	cp, hem, mag	--
7		M-24	1953	--	90	5	185	py, fl	
7		M-25	1953	--	90	5	180	S	U, Nb, Ta
7		M-26	1953	--	90	3	189	mag, py	U, Nb, Ta
7		M-27	1953	--	90	3	79	--	U, Nb, Ta

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
7	Beaucage Mines Ltd. (cont'd)	M-28	1953	--	90	3	65	--	U, Nb, Ta
7		M-29	1953	--	90	4	154	py	U, Nb, Ta
7		M-30	1953	?	40	5	179	py	U, Nb, Ta
7		M-31	1953	--	90	7	81	ap, py, pcl	Nb, Ta
7		M-32	1953	--	90	2	216	--	Nb, Ta
7		M-33	1953	--	90	2	140	py	U, Nb, Ta
7		M-34	1953	--	90	7	42	py	--
7		M-35	1953	--	90	5	115	py, S, ap, mag	--
7		M-36	1953	--	90	14	104	mag, py	U, Nb, Ta
7		M-37	1953	--	90	10	142	--	Nb, Ta
7		M-38	1953	--	90	26	64	--	--
7		M-39	1953	?	?	4	70	--	Nb, Ta
7		M-40	1953	?	?	2	64.6	--	Nb, Ta
7		M-40A	1953	?	?	16	55	--	--
7		M-41	1953	?	?	3	54	--	Nb, Ta
7		M-42	1953	?	?	4	151	py	U
7		M-43	1953	?	?	4	88	--	--
7		M-44	1953	?	?	4	80	--	--
7		M-45	1953	135	45	45	318	acmite, py, fl	U
7		M-46	1953	135	45	38	385	fl, hem	--
7		M-47	1954	?	?	81	340	--	--
7		M-48	1954	180	45	77	398	py, mag	U
8		801	?	--	90	No log			
8		802	?	--	90	No log			
8		803	?	--	90	No log			
8		804	?	--	90	No log			
8		805	?	--	90	No log			
8		806	?	--	90	No log			
8		807	?	--	90	No log			
8		808	?	--	90	No log			
8		809	?	--	90	No log			
8		809-1	?	--	90	No log			
8		809-2	?	--	90	No log			

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
8	Beaucage Mines Ltd. (cont'd)	809-3	?	--	90	No log			
8		809-4	?	--	90	No log			
8		809-5	?	--	90	No log			
8		809-6	?	--	90	No log			
8		809-7	?	--	90	No log			
8		809-8	?	--	90	No log			
8		809-9	?	--	90	No log			
8		809-10	?	--	90	No log			
8		809-11	?	--	90	No log			
8		809-12	?	--	90	No log			
8		809-13	?	--	90	No log			
8		809-14	?	--	90	No log			
8		809-15	?	--	90	No log			
8		809-16	?	--	90	No log			
8		809-17	?	--	90	No log			
8		809-18	?	--	90	No log			
8		809-19	?	--	90	No log			
8		809-20	?	--	90	No log			
8		810	?	--	90	No log			
8		811	?	--	90	No log			
8		812	?	--	90	No log			
8		813	?	--	90	No log			
8		814	?	--	90	No log			
9		2	1954?	--	90	90	No log		
9		4	1954?	--	90	95	No log		
9		13	1954?	--	90	52	No log		
9		15	1954?	--	90	54	No log		
9		17	1954?	--	90	62	No log		
9		19	1954?	--	90	62	No log		
9		21	1954?	--	90	78	No log		
9		23	1954?	--	90	96	No log		
9		41	1954?	--	90	15	No log		
9		42	1954?	--	90	24	No log		

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
9	Beaucage Mines Ltd. (cont'd)	44	1954?	--	90	33	No log		
9		46	1954?	--	90	49	No log		
9		48	1954?	--	90	59	No log		
9		50	1954?	--	90	85	No log		
9		52	1954?	--	90	83	No log		
9		54	1954?	--	90	81	No log		
9		56	1954?	--	90	95	No log		
9		58	1954?	--	90	83	No log		
9		77	1954?	--	90	14	No log		
9		78	1954?	--	90	No log			
9		80	1954?	--	90	39	No log		
9		82	1954?	--	90	59	No log		
9		84	1954?	--	90	55	No log		
9		86	1954?	--	90	63	No log		
9		88	1954?	--	90	62	No log		
9		90	1954?	--	90	66	No log		
9		92	1954?	--	90	61	No log		
9		94	1954?	--	90	76	No log		
9		116	1954?	--	90	21	No log		
9		118	1954?	--	90	31	No log		
9		120	1954?	--	90	37	No log		
9		122	1954?	--	90	44	No log		
9		124	1954?	--	90	57	No log		
9		126	1954?	--	90	61	No log		
9		128	1954?	--	90	64	No log		
9		130	1954?	--	90	59	No log		
9		132	1954?	--	90	46	No log		
9		134	1954?	--	90	75	No log		
9		136	1954?	--	90	95	No log		
9		138	1954?	--	90	No log			
9		157	1954?	--	90	23	No log		
9		159	1954?	--	90	34	No log		
9		161	1954?	--	90	50	No log		

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
9	Beaucage Mines Ltd. (cont'd)	162	1954?	--	90	71	No log		
9		164	1954?	--	90	60	No log		
9		166	1954?	--	90	65	No log		
9		168	1954?	--	90	82	No log		
9		170	1954?	--	90	105	No log		
9		172	1954?	--	90	106	No log		
9		182	1954?	--	90	90	No log		
9		184	1954?	--	90	78	No log		
9		186	1954?	--	90	81	No log		
9		188	1954?	--	90	93	No log		
9		195	1954?	--	90	82	No log		
9		197	1954?	--	90	100	No log		
10		1	1956	N38E	60	0	41	py	--
10		2	1956	S60W	55	0	61	--	--
10		3	1956	--	90	0	59	--	U, Nb, Ta
10		C4	1958,59, 60	S	60	3	484	--	--
11	Min-Ore Mines Ltd.	1	1966	100	60	96	554	py, cp	Nb, Au
		2	Not drilled						
12		3	1966	E	45	143	200	--	--
13		67-1	1967	--	90	81	94	hem, mag, py,fl	Nb
14		67-2	1967	--	90	185	195	hem, mag, py,fl	Nb
15		67-3	1967	--	90	180	210	hem, mag, py,fl	Nb
16		67-4	1967	--	90	160	160	--	Nb
16		67-4A	1967	No log					
17		67-5	1967	--	90	162	174	hem, mag, py,fl	Nb
18		67-6	1967	--	90	80	82	hem, mag, py,fl	Nb
19		67-7	1967	--	90	155	165	hem, mag, py,fl	Nb
20		67-8	1967	No log					
21	Nipiron Mines Ltd.	1	1952,53	No logs. Information from GR 94					
21		2	1952,53						

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
21	Nipiron Mines Ltd. (cont'd)	3	1952, 53						
21		4	1952, 53						
21		5	1952, 53					mag	
21		6	1952, 53						
21		7	1952, 53						
21		7a	1952, 53						
21		8	1952, 53						
21		9	1952, 53						
21		13	1953	NW	45	48	1006	fl, ba, ery, py	Ni, Nb, U
21		14	1953	W	45	?	353	--	--
21		16	1953	No log					
21		17	1953	No log				pcl	Nb
21		18	1953	No log					
22		10	1953	SE	45	?	386	--	--
22		11	1953	S10E	45	?	688	pcl	Nb, U
22		12	1953	SE	60	?	640	pcl	--
23		15	1953	S20E	45	?	419	--	--
24		1S	1953	--	90	73	333	py	Sn
24		2S	1953	--	90	70	302	py, S, mag	--
24		3S	1953	W	45	?	?	mag	--
24		4S	1953	N75E	45	No log			
24		5S	1953	No log					
24		6S	1953	No log					
24		7S	1953	No log					

GDIF FORM NO. 3

LAKE NIPISSING ISLANDS AND NORTH HIMSWORTH TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
1	? Beaucage Mines Ltd.	Airborne Magnetic	?	?	?
4	? Nipiron Mines Ltd.	Airborne Magnetic	?	?	?

GDIF FORM NO. 4

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

Beaucage Mines

Northern Miner	Feb. 10, 1955
	Apr. 7, 1955

Nord Resources (Canada), Nord Interex

Northern Miner	Aug. 3, 1972
	Jan. 25, 1973

Nova Beaucage

Northern Miner	Jan. 4, 1968

Nipiron Mines

Sudbury Star	Feb. 23, 1953
	Feb. 25, 1953
Toronto Telegram	Mar. 3, 1953

ODM GENERAL INDEX SEARCH

Words searched:

BEAUCAGE MINES
BERRY ISLAND
BURRITT ISLAND
CONSOLIDATED MINING & SMELTING
CALDER ISLAND
CALLANDER BAY
DARLING ISLAND
DOMINION GULF
GOOSE ISLANDS
GREAT MANITOU ISLAND
INSPIRATION DRILLING
INSPIRATION MINING & DEVELOPMENT

Index Volume	Listing:	Report Volume	Part	Page
5	BEAUCAGE MINES, LTD.			
	Capital; officers; operations:	64	2	119
	Incorporated	63	1	56
6	BEAUCAGE MINES, LTD.			
	Capital; officers; operations:			
	(1955)	65	2	121
	(1956)	66	2	120
	(1957)	67	2	125
	Name changed to Nova Beaucage	69	2	92
8	BEAUCAGE MINES LTD.			
	Manitou Is. area, Nipissing Dist.	GR94		81,83,85
8	BURRITT ISLAND (ALKALIC) COMPLEX			
	Niobium/uranium			
	L. Nipissing area, Nipissing Dist.	GR94		81
	Petrography			
	L. Nipissing area, Nipissing Dist.	GR94		51
8	CALDER ISLAND			
	L. Nipissing area, Nipissing Dist.	GR94		49, 83
9	CALDER ISLAND AREA, NIPISSING DIST.			
	Pyrochlore	MP70		306
6	CALLANDER, N. Himsworth tp.			
	Nepheline syenite	69	8	12
8	CALLANDER			
	N. Himsworth Tp., Parry Sound Dist.	GR94		47,52,54
8	CALLANDER ALKALIC COMPLEX			
	Barite/fluorite			
	N. Himsworth Tp., Parry Sound Dist.	GR94		88
	Niobium/uranium			
	N. Himsworth Tp,, Parry Sound Dist.	GR94		69,83-85
	Petrography			
	N. Himsworth Tp., Parry Sound Dist.	GR94		52-53
8	CALLANDER BAY, LAKE NIPISSING			
	N. Himsworth Tp., Parry Sound Dist.	GR94		27,38,47 52,83,85
		MP19		11

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

IRON ISLAND
KENMY, J. J.
LITTLE MANITOU ISLAND
McPHERSON ISLAND
MANITOU ISLANDS
MIN-ORE MINES
MORRISON ISLAND
NEWMAN ISLAND
NIPIRON MINES
NORD INTEREX
NORD RESOURCES CORP.
NOVA BEAUCAGE MINES

Index Volume	Listing:	Report Volume	Part	Page
8	CONSOLIDATED MINING & SMELTING CO. OF CANADA LTD., THE			
	Manitou Is. area, Nipissing Dist.	GR94		83
4	DARLING ISLAND, L. Nipissing			
	Rocks	51	2	15
8	DARLING ISLAND			
	N. Himsworth Tp., Parry Sound Dist.	GR94		52,53,85
8	DOMINION GULF CO.			
	North Bay area, Nipissing Dist.	GR94		79
1	GREAT MANITOU ISLAND			
	See Newman island and Manitou islands			
8	GREAT MANITOU ISLAND			
	L. Nipissing area, Nipissing Dist.	GR94		55,83,92
1	IRON ISLAND, L. Nipissing			
	Iron ore:			
	exhibited at World's Fair	2		80
	hematite	2		55
	notes by Murray	1		87, 88
	specular	2		63
	Limestone on, crystalline	1		68
	notes by Barlow	13	2	83
	Murray	1		88
2	IRON ISLAND, Nipissing L.			
	Hematite, note	I.O.*		215
4	IRON ISLAND, L. Nipissing			
	Rocks	51	2	6, 15
8	IRON ISLAND ALKALIC COMPLEX			
	L. Nipissing area, Nipissing Dist.			
	apatite	GR94		87
	barite/fluorite	GR94		88
	copper/nickel	GR94		69, 94
	iron	GR94		75
	niobium/uranium	GR94		69,79-81
	petrography	GR94		50,51,80

*Report of the Iron Ore Committee, 1923

ODM GENERAL INDEX SEARCH

Words searched

PALANGIO, C.
R. B. GRAHAM & ASSOCS.
RANKIN ISLAND
STROHL, J.
SWEETBRIAR ISLAND
SUMACH ISLAND
VANCLIEAF, M.
VICTORIA ISLAND

Index Volume	Listing:	Report Volume	Part	Page
9	IRON ISLAND AREA, NIPISSING DIST.			
	iron float	MDC17		94
8	KENMEY, J. J.			
	Manitou I. area, Nipissing Dist.	GR94		81
1	LITTLE MANITOU ISLAND			
	See MacDonald Island			
8	LITTLE MANITOU ISLAND			
	L. Nipissing area, Nipissing Dist.	GR94		48,55,69
1	MacDONALD ISLAND, L. Nipissing			
	Notes by Barlow	13	2	84
8	McPHERSON ISLAND			
	N. Himsworth Tp., Parry Sound Dist.	GR94		52,53,85
1	MANITOU ISLANDS, L. Nipissing			
	Crystalline limestone	13	2	81,94,95
	Notes by Barlow	13	2	84
4	MANITOU ISLANDS, L. Nipissing			
	Paleozoic rocks	51	2	6
5	MANITOU ISLANDS, L. Nipissing			
	Columbium-uranium deposits, mining report	64	2	119,139
6	MANITOU ISLANDS, L. Nipissing			
	Columbium mining			
	(1955)	65	2	121
	(1956)	66	2	10, 13
	(1957)	67	2	12, 14
	(1959)	69	2	92
8	MANITOU ISLANDS AREA, NIPISSING DIST.			
	niobium/uranium	MRC14		37-39
8	MANITOU ISLANDS			
	L. Nipissing area, Nipissing Dist.	GR94		54, 55
8	MANITOU ISLANDS (ALKALIC) COMPLEX			
	L. Nipissing area, Nipissing Dist.			
	apatite	GR94		87
	Niobium/uranium	GR94		69,81-83, 94
	petrography	GR94		51, 52

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
6	MIN-ORE MINES LTD.			
	Capital; Officers; Operations	65	2	4
	Change of name	65	1	38
1	NEWMAN ISLAND, L. Nipissing			
	Length and position	13	2	84
	Limestone	13	2	81
5	NEWMAN ISLAND, L. Nipissing			
	Columbium-uranium			
	deposits, mg. report	64	2	119
6	NEWMAN ISLAND, L. Nipissing			
	Niobium-uranium mining			
	report (1955)	65	2	121
	(1956)	66	2	120
	(1957)	67	2	125
	(1959)	69	2	92
8	NEWMAN ISLAND			
	L. Nipissing area, Nipissing Dist.	GR94		51,52,55, 69,81,83
8	NEWMAN PROSPECT			
	Manitou is. area, Nipissing Dist.			
	mining property, report on	MRC14		37-39
5	NIPIRON MINES, LTD.			
	Incorporated	62	1	59
8	NIPIRON MINES LTD.			
	Iron Is. area, Nipissing Dist.	GR94		79
6	NOVA BEAUCAGE MINES LTD.			
	See also Beaucage Mines			
	Capital; officers; operations	69	2	92
8	NOVA BEAUCAGE MINES LTD.			
	Manitou Is. area, Nipissing Dist.	GR94		83
8	PALANGIO, CARL			
	N. Himsworth Tp., Parry Sound Dist.	GR94		85
8	STROHL, JAMES, PROSPECTOR			
	Manitou Is. area, Thunder Bay Dist. (Nipissing Dist.)	GR94		81

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
8	VANCLIEAF, MARTIN Manitou Is. area, Nipissing Dist.	GR94		81

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D., et al	1971	Sudbury-Cobalt Sheet	ODMNA Map 2188	1" = 4 miles
Card, K. D., Lumbers, S. B.	1977	Sudbury-Cobalt Sheet	OGS Map 2361	1" = 4 miles
		GEOPHYSICAL MAPS		
O.D.M. - G.S.C.		Aeromagnetic Maps		
	1965	Powassan Sheet 31 L/3	1477G	1" = 1 mile
	1965	Nipissing Sheet 31 L/4	1487G	1" = 1 mile
	1965	Sturgeon Falls Sheet 31 L/5	1488G	1" = 1 mile
	1965	North Bay	7066G	1" = 4 miles
O.G.S. - G.S.C.	1978	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey, North Bay	Map P.1649	1:250,000
Gupta, V. K., Wadge, D. R.	1980	Bouguer Gravity and Generalized Geological Map, North Bay-Marten River Area	O.G.S. Map P.2297	1:100,000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Boissonneau, A. N.	1968	Glacial History of Northwestern Ontario II. The Timiskaming-Algoma Area	Can. Jr. Earth Sci. Vol. 5, No. 1	pp. 97-109
	1966	Surficial Geology of Algoma, Sudbury, Timiskaming and Nipissing	O.D.L. & F. Map S465	1" = 8 miles
Dep't of Energy, Surveys and Mapping Branch	1974	Topographic Map, Powassan 31 L/3		1:50,000
	1974	Topographic Map, Nipissing 31 L/4		1:50,000
	1974	Topographic Map, Sturgeon Falls 31 L/5		1:50,000

GDS 1248M 80-9

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Author	Date	Title	Reference	Map Scales and/or Report Pages
Gartner, J. F.	1980	N.O.E.G.T. Study 101		
		Data Base Map	O.G.S. Map 5041	1:100,000
		Septic Systems Capability Map	O.G.S. Map 5044	1:100,000
O.G.S.	1984	Aggregate Resources Inventory of the North Bay Area North Himsworth and South Himsworth Townships:	A.R.I.P. 70	
		Distribution of Sand and Gravel Deposits	O.G.S. Map 1c	1:50,000
		Selected Sand and Gravel Resources Areas	2c	1:50,000
		Bedrock Resources	3c	1:50,000
		MINERAL POTENTIAL MAPS		
O.G.S. & Mineral Resources Branch	1982	Mineral Potential Map of Ontario. East Central Sheet	OFR 5228	1" = 16 miles
Springer, J. S.	1978	Ontario Mineral Potential, parts of North Bay, Deep River and Ville Marie Sheets	O.G.S. Map P.1510	1:250,000
	1983	Industrial Minerals of Ontario	O.G.S. Map P.2591	1:500,000
		GEOCHEMICAL		
		No Data Available as of April 2, 1987		
		GEOLOGICAL REPORTS AND MAPS		
Barlow, A. E.	1899	Report on the Geology and Natural Resources of the Area Included by the Nipissing and Timiskaming Map Sheets	G.S.C. AR 10, pt.1 G.S.C. Map 599 G.S.C. Map 606	302 pp.
	1908	Ibid. 2nd Edition	G.S.C. Pub. No. 962 G.S.C. Map 944	303 pp.

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Bell, R.	1898	Report on the Geology of the French River Sheet	G.S.C. Map 570	1" = 4 miles
Chapman, L. J., Putnam, D. F.	1975	Physiography of the Georgian Bay - Ottawa Valley Area	O.D.M. GR 128 O.D.M. Map 2228	1" = 4 miles
Coleman, A. P.	1900	Copper and Iron Regions of Ontario	O.B.M. AR 9	p.p. 143-191
Currie, K. L.	1969	Alkaline Rocks, Callander Bay and Brent, Ontario in Report of Activities, Part A April to October 1968	G.S.C. Paper 69-1	263 pp.
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Ferguson, S. A.	1971	Columbium (Niobium) Deposits of Ontario	ODMNA MR 14	p.p. 37-39, 50
Ferguson, S. A., Freeman, E. B.	1978	Ontario Occurrences of Float, Placer Gold, and Other Heavy Minerals	MDC 17	p. 94
Geoscience Data Centre	1986	Ontario Mineral Deposit Inventory	OFR 5470	
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Gupta, V. K.	1982	Gravity and Aeromagnetic Studies in North-Central Ontario	O.G.S. MP 106 No. 24	p.p. 160-164
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Heinrich, E. W.	1966	The Geology of Carbonatites. Rand McNally and Co., Chicago		555 pp
Iron Ore Committee	1923	Report of the Iron Ore Committee	Iron Island	p. 215

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Author	Date	Title	Reference	Map Scales and/or Report Pages
Jones, R. J.	1957	Columbium (Niobium) and Tantalum; Can. Dep't Mines and Technical Surveys, Mines Branch	Memorandum Ser. No. 135	56 pp.
Lang, A. H.	1952	Canadian Deposits of Uranium and Thorium	G.S.C. Econom. Geol. Ser. No. 16	173 pp.
Lumbers, S. B.	1971	Geology of the North Bay Area	O.D.M. GR 94 ODMNA Map 2216	1" = 2 miles
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Pickett, D. E.	1959	Pilot Plant Tests on a Niobium Ore from Nova Beaucage Mines Ltd., North Bay, Ontario	Mines Branch IR 59-17	
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	1958	Niobium (Columbium) Deposits of Canada	G.S.C. Econom. Geol. Ser. No. 18	108 pp.
Sage, R. P.	1983	Literature Review of Alkalic Rocks - Carbonatites	OFR 5436	
Satterly, J.	1942	Mineral Occurrences in Parry Sound District	O.D.M. AR 51, pt. 2	80 pp.
	1942	Portions of the Districts of Parry Sound and Muskoka	O.D.M. Map 51a	1" = 2 miles
Shklanka, R.	1968	Iron Deposits of Ontario	O.D.M. MRC 11	p. 270
Traill, R. J.	1970	A Catalogue of Canadian Minerals	G.S.C. Paper 69-45	649 pp.
Vincent, J. S., Hardy, L.	1979	The Evolution of Glacial Lakes Barlow and Ojibway, Quebec and Ontario	G.S.C. Bull. 316	

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		
Colquhoun, D. J.	1956	The Stratigraphy and Paleontology of the Nipissing and Mattawa Areas. MA Univ. of Toronto	MA Thesis, U. T.	
Doig, R., Barton, J. M. Jr.	1968	Ages of Carbonatites and Other Alkaline Rocks in Quebec	Can. J. Earth Sci. Vol. 5, No. 6	p.p. 1404-07
Franklin, L. J.	1952	A Study of Columbites and Tantalites. B.Sc., Queen's	MP 2	p. 19
Gill, J. E., Owens, O. E.	1957	Columbium-Uranium Deposits at North Bay, Ontario	CIMM Trans. Vol. 60	p.p. 244-250
Gittins, J., MacIntyre, R. M., York, D.	1967	The Ages of Carbonatite Complexes in Eastern Canada	Can. J. Earth Sci. Vol. 4, No. 4	p.p. 651-655
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Stary, E.	1956	An X-Ray Study of Microlite and Pyrochlore, B.Sc., Queen's	MP 2	p. 43
Szekely, T. S.	1957, 58	Nepheline Bearing Rocks in Southeastern Ontario, B.A.Sc., Univ. of Toronto	MP 2	p. 43

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

NOTES AND ADDENDA

Aerial Photographs

There are no aerial photographs of this area on file in the Sudbury Resident Geologist's office.

The following explanatory notes are a copy taken from File 0010, Envelope 2.

Explanatory Notes

The bed of Lake Nipissing was withdrawn from staking by Order in Council in 1912 and the Islands therein were withdrawn in 1926. Indication of radio-active minerals have been found by James J. Kenmey and Martin Vanclieaf and an examination by Dr. J. E. Thomson, Associate Provincial Geologist, has corroborated the discovery of radio-active substances. Rather than declare this area in the heart of the tourist country open for promiscuous staking, it is felt more desirable in the public interest to issue an exploratory license of occupation so that the Department will have control over the operations. This license would be similar to the one granted on Timagami Island.

GDIF FORM NO.10

SPRINGER

PEDLEY

Gravel Pit

Ditch

Dutrisac's Bay

NIPISSING INDIAN RESERVE NO. 10

46 20'00"

79 50'00"

Garden Village

Dukis Pt

Jocko Pt

Great North Bay

BM 207m

Beaucage Pt

OF SPRINGER

Burritt I

LAKE NIPISSING

196m ±

Goose Ids

Great Manitou I

Little Manitou I

Iron I

Sandy Island

Forestery I

Rapids

Burnt Island

Target I

Fishermans I

Blueberry

Brown

COMMANDA

Great North Bay

BM 207m

Beaucage Pt

Garbage Disposal

Yellek

B

BM 208m

Duchesnay Falls

Falls

Yellek Pt

Burritt I

NIPISSING

Goose Ids

Great Manitou I

Calder I

Manitou Islands

Little Manitou I

Newman I

Rankin I

79 32'00"

46 13'00"

Ministry of Northern Development and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 423

(Map 1 of 4)

LAKE NIPISSING ISLANDS

DISTRICT OF NIPISSING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

Bay

46 20'00"

79 50'00"

Garden Village

Jocko Pt

Dukis Pt

OF SPRINGER

Burritt I

LAKE NIPISSING

Great Manitou I

Little Manitou I

196m±

Goose Ids

Iron I

Sandy Island

Forestery I

Target

Fishermans

Rapids

Burnt Island

Blueberry

Browns

Cameron

Windy Pt

Hunters Bay

Cleland I

Torrance

Frank's Pt

Frank's Bay

Campbell's Pt

Nivcent

Crosspoint Bay

Atkin Bay

Elliot

Partridge I

Rapids

Campbell's Bay

Allison I

Bragdon

BERTRAM

RIVER

DISTRICT OF NIPISSING

DISTRICT OF PARRY SOUND

PATTERSON

Meadow

NIPISSING

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 423

(Map 1 of 4)

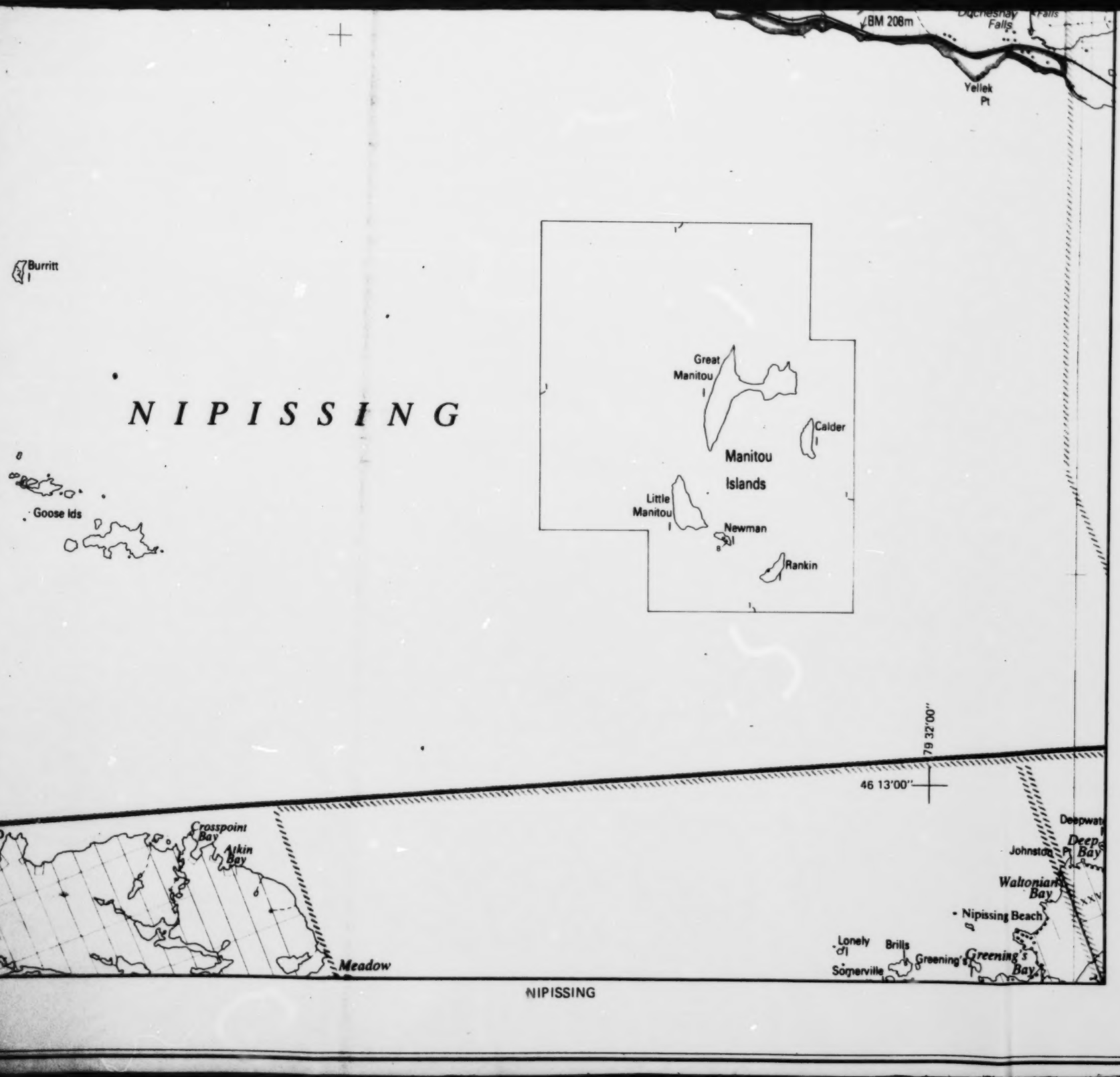
LAKE NIPISSING ISLANDS

DISTRICT OF NIPISSING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



EXPLORATION DATA FILE AREAS

- ■ ① ⑥ Reference number is always inside work area outlined. See listing in text pages.
- □ x ④ Small area of exploration
- □ ★ File covers whole township or area

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☐ Geochemical sample site, with reference number
- ☐ Area of geochemical sampling, with reference number
- ☐ Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- ■ AM — Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly
  Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ☐ ARA — Airborne radiometric anomaly
- ■ M — Ground magnetic anomaly
- ☐ VL — Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop
  VLF - Very low freq.; Turam; JEM - Crone Em - 16)
- ☐ RA — Ground radiometric anomaly
- ☐ IP — Induced polarization anomaly
- ☐ SP — Self potential anomaly
- ☐ AFMAG — Audio-frequency magnetic anomaly
  (total intensity)
- ☐ R — Resistivity anomaly
- ☐ GR — Gravity anomaly

MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ☐ Rock quarry
- ☐ Sand and/or gravel pit

SPRINGER

PEDLEY

NO. 10

46 20'00"

79 50'00"

Outrisac's Bay

Garden Village

Jocko Pt

Dukis Pt

Burritt I

F SPRINGER

BERTRAM

LAKE NIPIS

Iron I

196m ±

Goose Ids

Sandy Island

Forestery

Target

Fishermans

Rapids

Burnt Island

Blueberry

Browns

Cameron

Windy Pt

Hunters Bay

Cleland I

Torrance

Elliot

Partridge

Allison

DISTRICT OF NIPISSING

DISTRICT OF PARRY SOUND

Frank's Pt

Frank's Bay

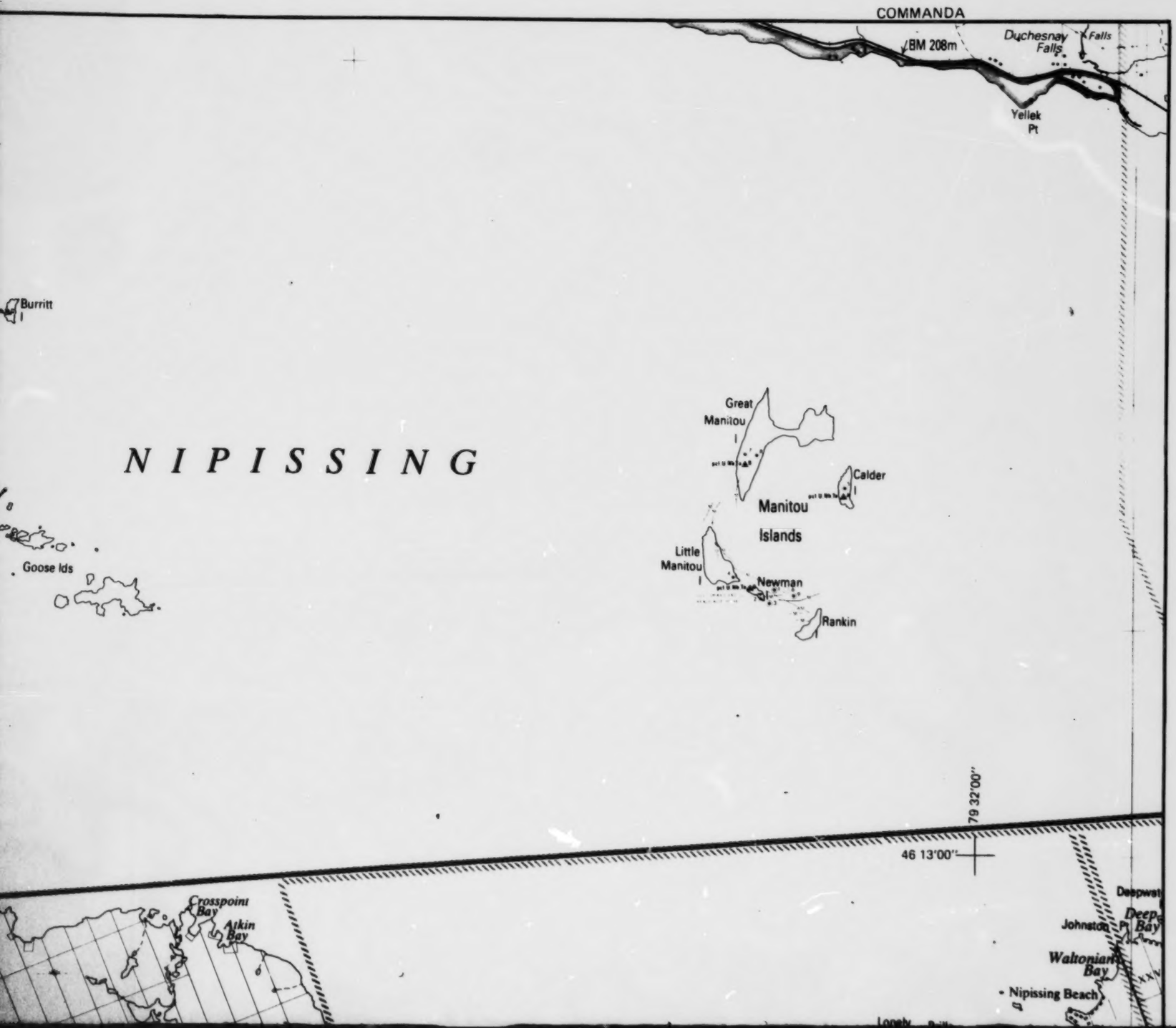
Campbell's Pt

Nivcent

Campbell's Bay

Crosspoint Bay

Atkin Bay



Ministry of Northern Development and Mines

Ontario

Sean Conway Minister of Mines

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 423

(Map 2 of 4)

LAKE NIPISSING ISLANDS

DISTRICT OF NIPISSING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ■ cp A. — Mineral occurrence at surface, with reference letter
- □ Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- ■ Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- ■ cp A. — Mineralized float with reference letter
- □ A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- ■ 2 — Location of single drillhole, with reference number
- ■ 2 — Location of closely spaced group of drillholes, with reference number
- □ 2 — Drillhole, exact location uncertain, with reference number
- ■ 6 — Property with underground drillholes in this general area, with reference number

Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop
  VLF - Very low freq.; Turam; JEM - Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly
  (total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

Yellek Pt

Burritt I

NIPISSING

Goose Ids

Great Manitou I

Calder I

Manitou Islands

Little Manitou I

Newman

Rankin

79 32'00"

46 13'00"

Crosspoint Bay

Atkin Bay

Meadow

Deepwat

Deep Bay

Johnston Pt

Waltonian Bay

Nipissing Beach

Lonely I

Brills

Somerville

Greening's

Greening's Bay

NIPISSING

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 423

(Map 2 of 4)

LAKE NIPISSING ISLANDS

DISTRICT OF NIPISSING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

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- Au A. 84° — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter
- A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- 2 — Location of single drillhole, with reference number
- 2 — Location of closely spaced group of drillholes, with reference number
- 2 — Drillhole, exact location uncertain, with reference number
- 6 — Property with underground drillholes in this general area, with reference number
- 2 — Property with drillholes which have not been plotted on map, with reference number
- 2 — Reverse circulation drillhole; churn drilling, with reference number

Ontario Mini
Nort
and
Sean Co

ONTARIO

PROPER

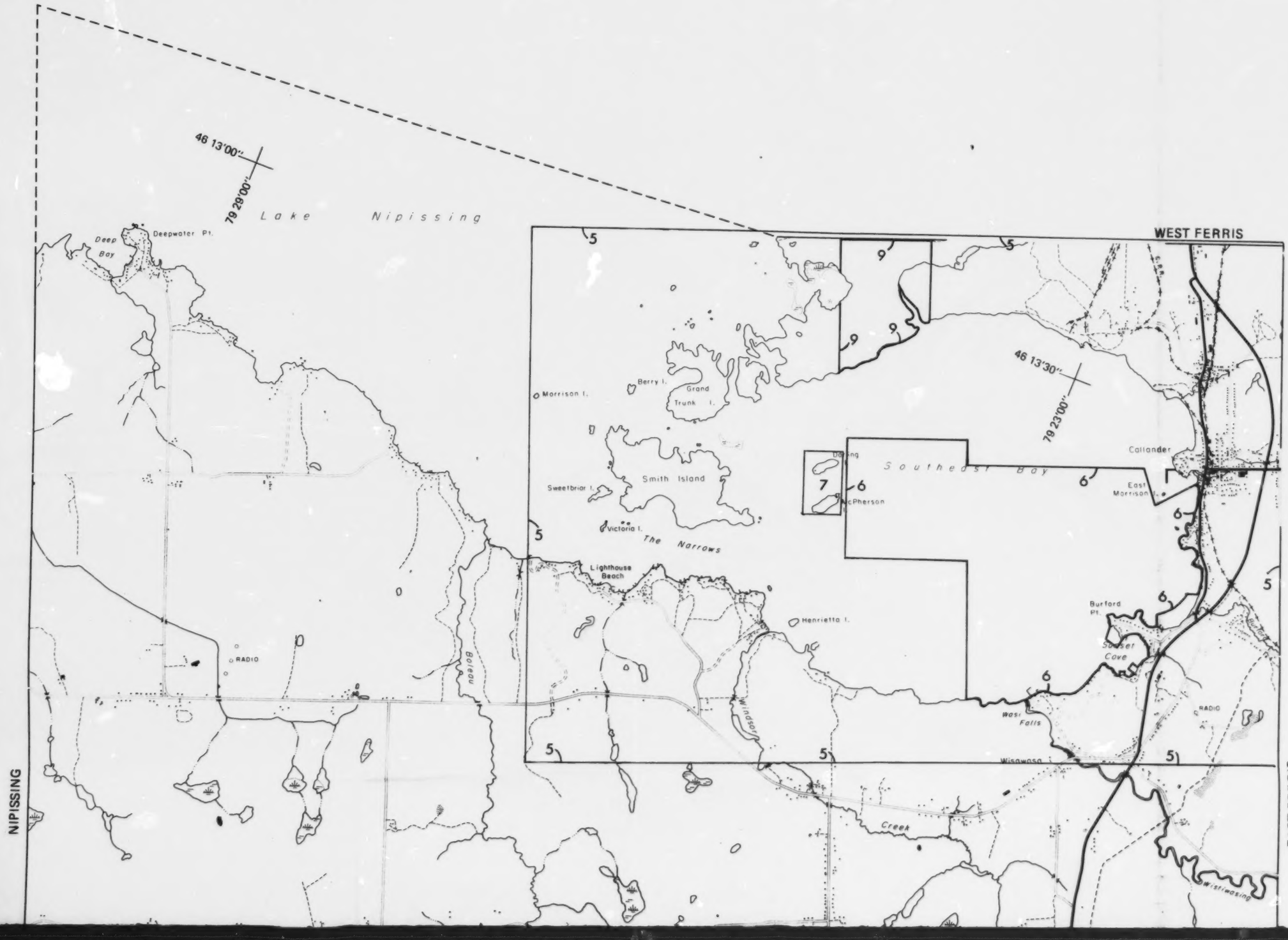
GEOLOGICAL DAT

NORTH HIMSW

DISTRICT

Kilometre 0.5

Mile 0.5 0



Ministry of Northern Development and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 423

(Map 3 of 4)

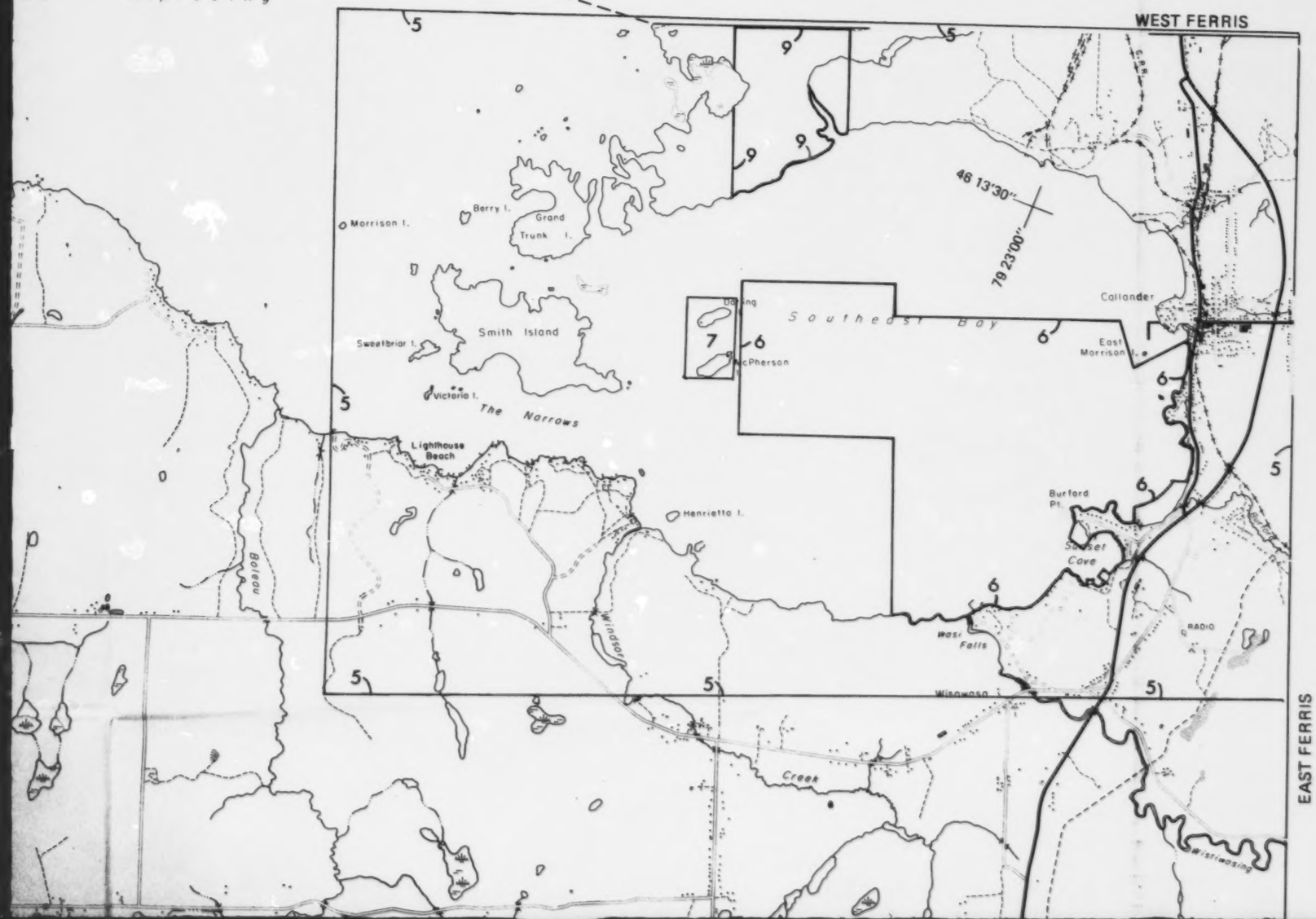
NORTH HIMSWORTH TOWNSHIP

DISTRICT OF PARRY SOUND

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



NIPISSING

EAST FERRIS

RADIO

Boleau

Henriette I.

Windsor

Burford Pt.

Sunset Cove

Wasi Falls

Wisawasa

Creek

Wisiwasing

PIPELINE (G45)

EXPLORA

Reference nu
See listing in

Small area of

File covers wh

46 07'30"

79 27'00"

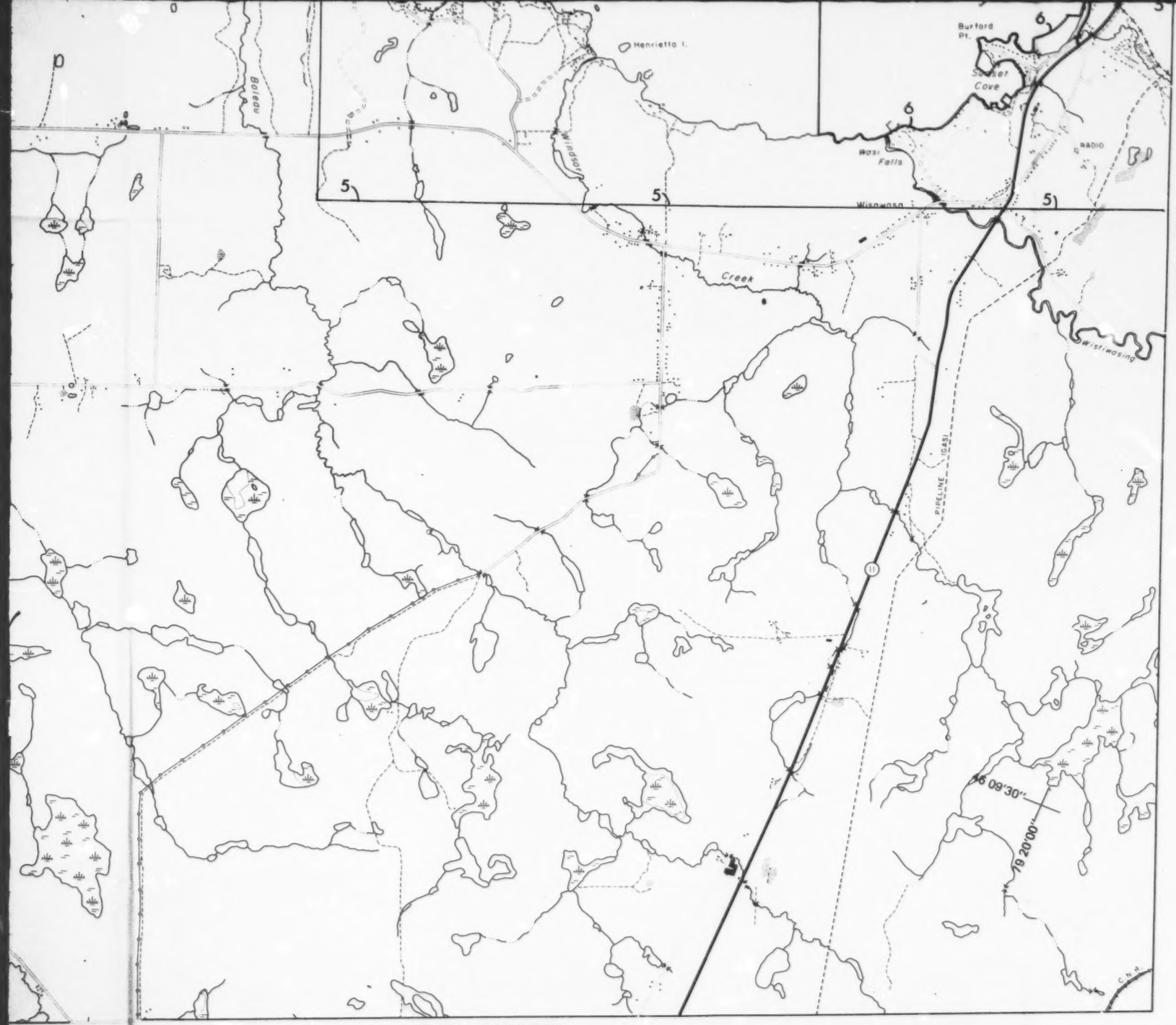
Beg.

Creek

46 09'30"

79 20'00"

SOUTH HIMSWORTH



EAST FERRIS

EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined. See listing in text pages.

Small area of exploration

File covers whole township or area

SOUTH HIMSWORTH

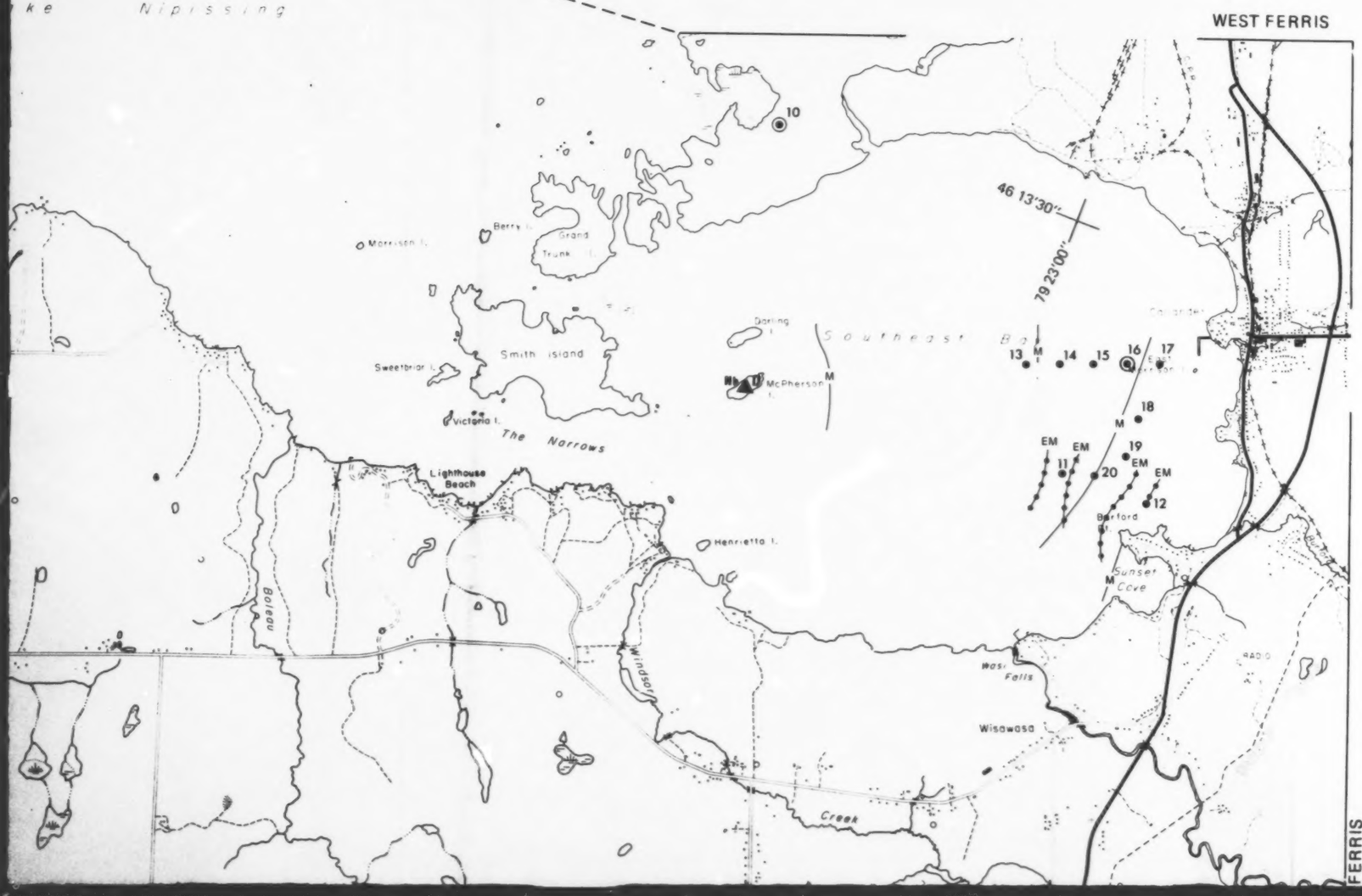
TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number
-

GEOPHYSICAL ANOMALIES

- AM — Airborne magnetic anomaly
- Airborne electromagnetic anomaly Length of anomaly along flight line
- Airborne electromagnetic anomaly Location of anomaly along flight line
- Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ARA — Airborne radiometric anomaly
- M — Ground magnetic anomaly
- VL — Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop VLF - Very low freq.; Turam; JEM - Crone Em - 16)
- RA — Ground radiometric anomaly
- IP — Induced polarization anomaly
- SP — Self potential anomaly



Ministry of Northern Development and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 423

(Map 4 of 4)

NORTH HIMSWORTH TOWNSHIP

DISTRICT OF PARRY SOUND

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

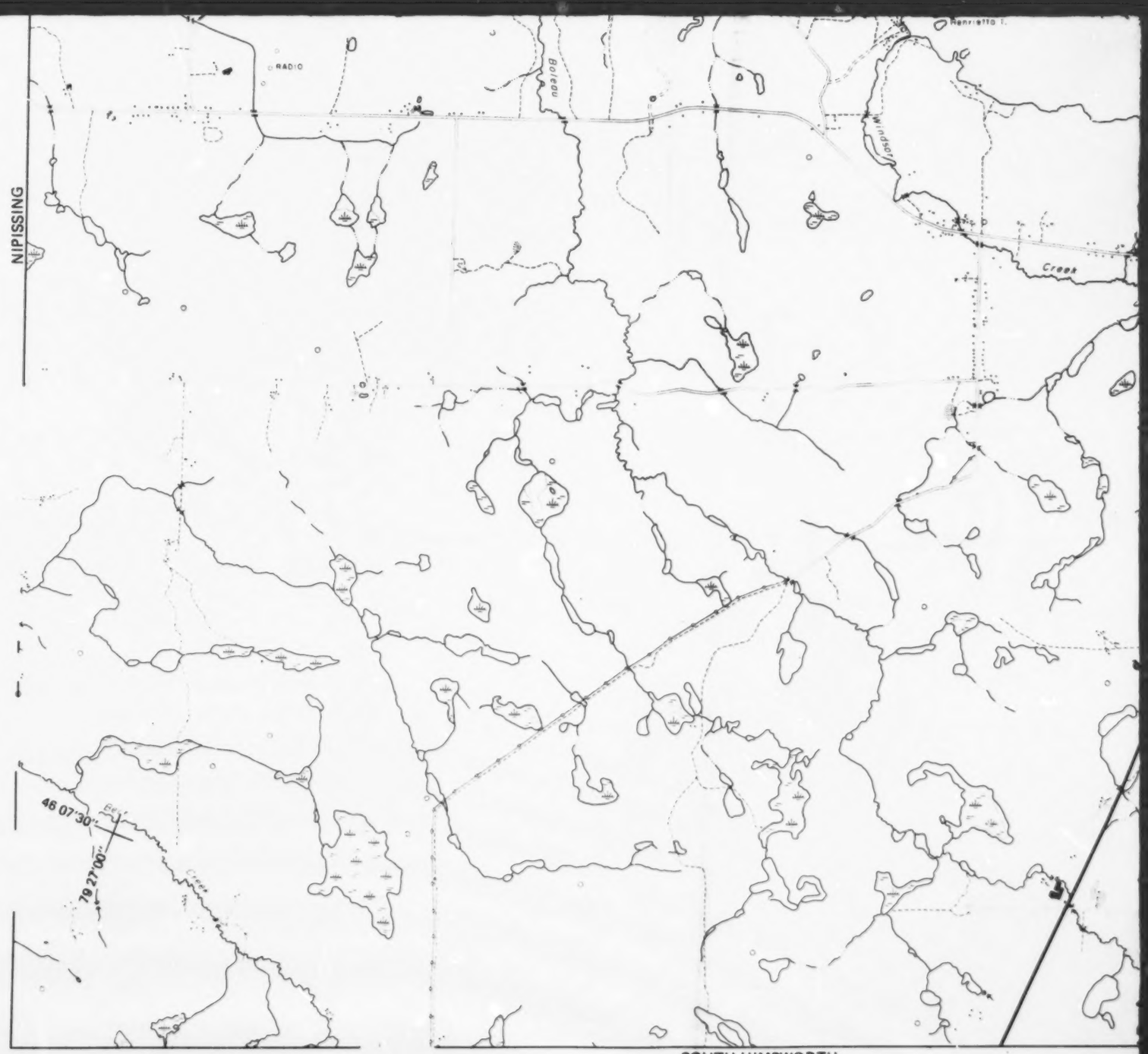
- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain.

- ☐ Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ☐ -ARA- Airborne radiometric anomaly
- ■ -M- Ground magnetic anomaly
- ■ -VL- Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop
  VLF - Very low freq.; Turam; JEM -
  Crone Em - 16)
- ☐ -RA- Ground radiometric anomaly
- ☐ -IP- Induced polarization anomaly
- ☐ -SP- Self potential anomaly
- ☐ -AFMAG- Audio-frequency magnetic anomaly
  (total intensity)
- ☐ -R- Resistivity anomaly
- ☐ -GR- Gravity anomaly
- ☐

MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ☐
- ☐ Rock quarry
- ☐ Sand and/or gravel pit
- ☐

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



SOUTH HIMSWORTH

Boleau

Windsor

Sunset Cove

West Falls

Wisawasa

Creek

EAST FERRIS

46 09'30"

79 20'00"

SOUTH HIMSWORTH

Mile 0.5 0 0.5 1 Mile

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- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter
- A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- ●² — Location of single drillhole, with reference number
- ◉² — Location of closely spaced group of drillholes, with reference number
- ?² — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- ○² — Property with drillholes which have not been plotted on map, with reference number
- ⊕² — Reverse circulation drillhole; churn drilling, with reference number